

Patent Claims:

Ans. 91

1. Spot-type disc brake (1) with a brake housing (3) straddling a brake disc, with at least one brake lining (5, 6) that is arranged in the brake housing (3) so as to be slidable in the actuating direction and cooperates tribologically with the brake disc upon brake application, with at least one actuating device (4) arranged in the brake housing (3) to apply an actuating force to the brake lining (5), and with a spring assembly to adjust a clearance between the brake lining (5) and the brake disc, characterized in that the spring assembly comprises exactly one spring (8, 18, 25, 31, 33) which is secured detachably in the spot-type disc brake (1) and is supported on the brake lining (5), on the one hand, and on the brake housing (3), on the other hand.
2. Spot-type disc brake as claimed in claim 1, characterized in that the spring (8, 18, 25, 31, 33) extends substantially in the central plane (10) of the brake housing (3) with respect to the circumferential direction (9) of the brake disc.
3. Spot-type disc brake as claimed in any one of the preceding claims, characterized in that the spring (8, 18, 25, 31, 33) is supported on a brake lining (5) which is coupled to at least one actuating device (4).

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4. Spot-type disc brake as claimed in any one of the preceding claims,
c h a r a c t e r i z e d in that the spring (8, 18, 25, 31, 33) with a first end portion (11, 21, 24) is inserted into an accommodation recess (13, 23) at the brake lining (5).
5. Spot-type disc brake as claimed in any one of the preceding claims,
c h a r a c t e r i z e d in that the first end portion (11, 21, 24) is supported on the brake lining (5) in a circumferential direction (9) between two actuating devices (4).
6. Spot-type disc brake as claimed in any one of the preceding claims,
c h a r a c t e r i z e d in that the spring is configured as a tension spring (8) that is suspended with a second end portion (12) on the brake housing (3).
7. Spot-type disc brake as claimed in any one of the preceding claims,
c h a r a c t e r i z e d in that the spring is designed as a compression spring which is detachably fastened with a second portion to the brake housing (3).
8. Spot-type disc brake as claimed in any one of the preceding claims,
c h a r a c t e r i z e d in that the spring is configured as a leg spring (18, 25, 31, 33) which is detachably fastened with a second portion (22, 29, 30) on the brake housing (3).

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9. Spot-type disc brake as claimed in any one of the preceding claims, characterized in that at least one spring portion (26) is shaped at the spring and is supported on the brake housing (3) in a circumferential direction (9).

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A1*

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B4*

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